

Form PTO-2449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 503.34972CX2	SERIAL NO. 10/629,711
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT UTSUMI et al	
		FILING DATE July 30, 2003	GROUP 2871

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
① AA	5,414,542	5/95	Kawagishi			
② AB	5,598,285	1/97	Kondo			
AC						
AD						
AE						
AF						
AG						
AH						

U.S. PATENT APPLICATIONS

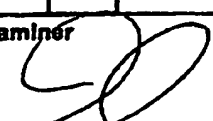
	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

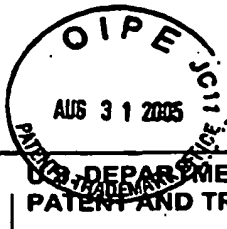
FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
① AM	03-233518	10-17-91	Japan			X	
② AN	04-181219	10-29-92	Japan			X	
③ AO	04-057011	2-24-92	Japan			X	
④ AP	08-088997	3-12-96	Japan			X	
⑤ AQ	08-082715	3-20-90	Japan			X	

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OTHER DOCUMENTS

AR	
AS	
AT	
Examiner 	Date Considered 4/13/06



Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 503.34972CX2	SERIAL NO. 10/629,711
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	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
Δ	AM 08-094848	4-12-96	Japan			X	
η	AN 08-095015	4-12-96	Japan			X	
η	AO 08-106010	4-23-96	Japan			X	
	AP						
	AQ						

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OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	Date Considered
	4/13/06